

WHAT IS CLAIMED IS:

1. A method comprising:
obtaining a first set of information representing an artifact to a first degree of quality,
obtaining a second set of information representing the artifact to a second degree of quality different from the first degree of quality;
determining which of the first set of information and the second set of information represents the artifact to a higher degree of quality and which represents the artifact to a lesser degree of quality;
and
altering the set of information representing the artifact to a lesser degree of quality, based on the set of information representing the artifact to a higher degree of quality.
2. The method as in Claim 1, wherein altering includes performing a Fourier transform analysis on the first set of information and the second set of information.
3. The method as in Claim 2, wherein altering further includes using a phase of the set of information representing the artifact to a higher degree of quality to adjust a phase of the set of information representing the artifact to lesser degree of quality.
4. The method as in Claim 2, wherein altering further includes using a magnitude of the set of information representing the artifact to a higher degree of quality to adjust a magnitude of the set of information representing the artifact to lesser degree of quality.

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1 5. The method as in Claim 1, wherein the first set of information and the
2 second set of information are digital representations of analog
3 images.

1 6. The method as in Claim 1, wherein the first set of information and the
2 second set of information are obtained using a scanner.

1 7. The method as in Claim 1, wherein the first set of information and the
2 second set of information are obtained using a digital camera.

1 8. The method as in Claim 1, wherein the first set of information and the
2 second set of information are obtained using a digital film
3 development system.

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1 9. A digital film development system comprising:
2 a film processing system, said film processing system including an
3 image capturing station capable of obtaining sets of data
4 representing an image formed in film ; and
5 a data processing system, said data processing system including:
6 a processor;
7 memory operably coupled to said processor; and
8 a program of instructions capable of being stored in said
9 memory and executed by said processor, said program
10 of instructions including instructions for:
11 obtaining a first set of information representing an
12 artifact to a first degree of quality,
13 obtaining a second set of information representing the
14 artifact to a second degree of quality different
15 from the first degree of quality;
16 determining which of the first set of information and the
17 second set of information represents the artifact
18 to a higher degree of quality and which
19 represents the artifact to a lesser degree of
20 quality; and
21 altering the set of information representing the artifact
22 to a lesser degree of quality, based on the set of
23 information representing the artifact to a higher
24 degree of quality.

1 10. The digital film development system as in Claim 9, wherein said
2 program of instructions includes instructions for performing a
3 Fourier transform analysis on the first set of information and
4 the second set of information.

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1 11. The digital film development system as in Claim 10, wherein said
2 program of instructions includes instructions for using a phase
3 of the set of information representing the artifact to a higher
4 degree of quality to adjust a phase of the set of information
5 representing the artifact to lesser degree of quality.

1 12. The digital film development system as in Claim 10, wherein said
2 program of instructions includes instructions for using a
3 magnitude of the set of information representing the artifact to
4 a higher degree of quality to adjust a magnitude of the set of
5 information representing the artifact to lesser degree of quality.

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13. A digital image tangibly embodied in a computer readable medium,
said digital image generated according to a method comprising:
obtaining a first set of information representing an artifact to a
first degree of quality,
obtaining a second set of information representing the artifact
to a second degree of quality different from the first
degree of quality;
determining which of the first set of information and the second
set of information represents the artifact to a higher
degree of quality and which represents the artifact to a
lesser degree of quality; and
altering the set of information representing the artifact to a
lesser degree of quality, based on the set of information
representing the artifact to a higher degree of quality.

14. The digital image as in Claim 13, wherein altering includes performing
a Fourier transform analysis on the first set of information and
the second set of information.

15. The digital image as in Claim 14, wherein altering further includes
using a phase of the set of information representing the artifact
to a higher degree of quality to adjust a phase of the set of
information representing the artifact to lesser degree of quality.

16. The digital image as in Claim 14, wherein altering further includes
using a magnitude of the set of information representing the
artifact to a higher degree of quality to adjust a magnitude of
the set of information representing the artifact to lesser degree
of quality.

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- 1 17. The digital image as in Claim 13, wherein the first set of information
2 and the second set of information are digital representations of
3 analog images.
- 1 18. The digital image as in Claim 13, wherein the first set of information
2 and the second set of information are obtained using a scanner.
- 1 19. The digital image as in Claim 13, wherein the first set of information
2 and the second set of information are obtained using a digital
3 camera.
- 1 20. The digital image as in Claim 13, wherein the first set of information
2 and the second set of information are obtained using a digital
3 film processing system.

1 21. A method comprising:
2 illuminating an image;
3 recording at least one digital representation of the image;
4 selecting, from the at least one digital representation, a first set of
5 information representing a portion of the image;
6 selecting, from the at least one digital representation, a second set of
7 information representing the portion of the image, the second
8 set of information being different from the first set of
9 information;
10 generating, from one of the first set of information and the second set
11 of information, a shepherd artifact representing an image
12 artifact with a higher degree of quality;
13 generating, from the other of the first set of information and the second
14 set of information, a sheep artifact representing the image
15 artifact with a lesser degree of quality; and
16 altering the sheep artifact using the shepherd artifact to improve the
17 degree of quality with which the sheep artifact represents the
18 image artifact.

1 22. The method as in Claim 21, wherein altering includes performing a
2 Fourier transform analysis on the first set of
3 information and the second set of information.

1 23. The method as in Claim 22, wherein altering further includes using a
2 phase of the set of information representing the artifact to a
3 higher degree of quality to adjust a phase of the set of
4 information representing the artifact to lesser degree of quality.

1 24. The method as in Claim 23, wherein altering further includes using a

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1 magnitude of the set of information representing the artifact to
2 a higher degree of quality to adjust a magnitude of the set of
3 information representing the artifact to lesser degree of quality.

1 25. The method as in Claim 21, wherein the first set of information and the
2 second set of information are digital representations of analog
3 images.

1 26. The method as in Claim 21, wherein the first set of information and the
2 second set of information are obtained using a scanner.

1 27. The method as in Claim 1, wherein the first set of information and the
2 second set of information are obtained using a digital film
3 development system.